

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
-	754	348/311	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:10
-	492	348/312	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:10
-	1019	348/311 or 348/312	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:10
-	824	(348/311 or 348/312) and ccd	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:19
-	28	((348/311 or 348/312) and ccd) and buses	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:11
-	7	((348/311 or 348/312) and ccd) and buses) and capacitors	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:14
-	80	ccd and busses and capacitors	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:15
-	172	ccd and buses and capacitors	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:14
-	233	(ccd and busses and capacitors) or (ccd and buses and capacitors)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:15
-	36	((ccd and busses and capacitors) or (ccd and buses and capacitors)) and clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:22
-	0	(348/311 or 348/312) and ccd with capatitor\$2 with Bus\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:20
-	0	(348/311 or 348/312) and ccd with capatitor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:20
-	0	ccd with capatitor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:20
-	1055	ccd with capacitor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:20

-	3	ccd with capacitor\$2 with bus\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/10/25 14:20
-	0	20030103155.URPN.		2004/10/25 14:22
-	169	clock adj driver with (ccd or image adj sensor or image-sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:23
-	47	(clock adj driver with (ccd or image adj sensor or image-sensor)) and capacitor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:24
-	41	((clock adj driver with (ccd or image adj sensor or image-sensor)) and capacitor\$2) and switch\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:24
-	11	((((clock adj driver with (ccd or image adj sensor or image-sensor)) and capacitor\$2) and switch\$3) and bus\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:26
-	5	image adj sensor adj clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:28
-	1738783	image adj sensor near\$3 clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:28
-	13	image adj sensor near3 clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:47
-	19777	(image adj sensor or image-sensor or ccd) and clock	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:47
-	7777	((image adj sensor or image-sensor or ccd) and clock) and phase	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:47
-	2745	((image adj sensor or image-sensor or ccd) and clock) and phase with two	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:48
-	496	((((image adj sensor or image-sensor or ccd) and clock) and phase with two) and capacitors	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:48
-	379	(((((image adj sensor or image-sensor or ccd) and clock) and phase with two) and capacitors) and shift	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:48
-	275	(((((image adj sensor or image-sensor or ccd) and clock) and phase with two) and capacitors) and shift adj register\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:49

-	145	(((((image adj sensor or image-sensor or ccd) and clock) and phase with two) and capacitors) and shift adj register\$2) and (two-phase or two adj phase)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:49
-	57	(((((image adj sensor or image-sensor or ccd) and clock) and phase with two) and capacitors) and shift adj register\$2) and (two-phase or two adj phase) with shift adj register\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:49
-	711	(two-phase or two adj phase) with shift adj register\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:49
-	262	((two-phase or two adj phase) with shift adj register\$2) and ccd	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:50
-	96	((((two-phase or two adj phase) with shift adj register\$2) and ccd) and capacitor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 14:50
-	72	(((((two-phase or two adj phase) with shift adj register\$2) and ccd) and capacitor\$2) and switch\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 15:11
-	1115	ccd adj (shift adj register or shift-register)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 15:15
-	268	(ccd adj (shift adj register or shift-register)) and capacitor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 15:15
-	1	((ccd adj (shift adj register or shift-register)) and capacitor\$2) and cross near3 capacitance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 15:14
-	197	((ccd adj (shift adj register or shift-register)) and capacitor\$2) and phas\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 15:15
-	77	((ccd adj (shift adj register or shift-register)) and capacitor\$2) and (2-phas\$3 or 348/312 adj phase or two-phase or two adj phase)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/25 15:16
-	2985	clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:44
-	41151	(clock adj driver) and ccd or charge adj coupled adj device or charge-coupled	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:45
-	404	(clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:46

-	156	((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:47
-	123	((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and ((decrease or reduce) with energy or power)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:50
-	122	((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and ((decrease or reduce) with energy or power)) and voltage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:46
-	87	(((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and ((decrease or reduce) with energy or power)) and voltage) and switch\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:47
-	34	(((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and ((decrease or reduce) with energy or power)) and voltage) and switch\$2) and buses	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:49
-	56086	eastman adj kodak .asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:50
-	1919	(eastman adj kodak .asn.) and ccd	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:50
-	1956	(eastman adj kodak .asn.) and ccd\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:50
-	177	((eastman adj kodak .asn.) and ccd\$2) and transistor\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:50
-	96	((eastman adj kodak .asn.) and ccd\$2) and transistor\$3) and ((decrease or reduce) with energy or power)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:50
-	34	(((((eastman adj kodak .asn.) and ccd\$2) and transistor\$3) and ((decrease or reduce) with energy or power)) and bus\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 11:51
-	4	("4354123" "4949183" "5047660" "5237422").PN.	USPAT	2004/10/26 11:57
-	14	("4117514" "4424456" "4514766" "4518978" "4602289" "4638361" "4680636" "4707744" "4716317" "4742395" "4761565" "4866299" "4935794" "5047660").PN.	USPAT	2004/10/26 12:09
-	4	5237422.URPN.	USPAT	2004/10/26 12:57
-	4	("4354123" "4949183" "5047660" "5237422").PN.	USPAT	2004/10/26 12:21
-	69	((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and vertical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 12:42

-	25	three with (level or voltage) with clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 12:42
-	151	((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 12:57
-	27	((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage with (three or third)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 12:52
-	104	((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage) not (((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage with (three or third))	USPAT	2004/10/26 13:01
-	10	(((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage) not (((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage with (three or third))) and clock .ti.	USPAT	2004/10/26 12:58
-	94	(((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage) not (((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage with (three or third))) not ((((((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage) not (((clock adj driver) and (ccd or charge adj coupled adj device or charge-coupled)) and transistor\$2) and voltage with (three or third))) and clock .ti.)	USPAT	2004/10/26 13:01
-	5	("3758794" "3955100" "4093872" "4178519" "4264915").PN.	USPAT	2004/10/26 13:21
-	5	4554675.URPN.	USPAT	2004/10/26 13:23
-	127	charge adj coupled adj shift adj register	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:24
-	73	(charge adj coupled adj shift adj register) and clock	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:25
-	60	((charge adj coupled adj shift adj register) and clock) and phas\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:25
-	31493	V1 with V2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:46

-	1298	(V1 with V2) and (ccd or charge adj coupled adj device or charge-coupled)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:46
-	500	((V1 with V2) and (ccd or charge adj coupled adj device or charge-coupled)) and phase\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:46
-	261	((V1 with V2) and (ccd or charge adj coupled adj device or charge-coupled)) and phase\$2) and clock	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:47
-	100	((V1 with V2) and (ccd or charge adj coupled adj device or charge-coupled)) and phase\$2) and clock) and transistor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:52
-	14	((V1 with V2) and (ccd or charge adj coupled adj device or charge-coupled)) and phase\$2) and clock) and transistor\$2) and clock adj driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:48
-	60	((V1 with V2) and (ccd or charge adj coupled adj device or charge-coupled)) and phase\$2) and clock) and transistor\$2) and transfer\$5 with charge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/26 13:52
-	1	"3902186".PN.	USPAT	2004/10/26 14:07
-	4	4443885.URPN.	USPAT	2004/10/26 14:07